

At page 31, line 34, delete "sent".

At page 32, line 2, delete "snap shot" and insert --snap-shot--.

At page 32, line 4, delete "snap shot" and insert --snap-shot--.

At page 32, line 9, delete "pick-up" and insert --pick up--.

IN THE FIGURES

Please amend Fig. 6 as follows. Copy of the amended Fig. 6 has been attached. An amendment in Fig. 6 has been highlighted in red ink.

In Fig. 6, reference numeral 612 has been added to refer to the box labeled DAQ.

IN THE CLAIMS

Please cancel claims 1-20 and add claims 21-42 as follows:

1-21. (Hereby Canceled)

21. A database system for computer aided dispatching comprising:
mobile position information, including position data about a plurality of mobile units;
raster information, including digitized data about a first selected segment of interest;
vector information, including intelligent data about a second selected segment of interest; and
a computer operably coupled to access the mobile position, raster, and vector information, configured to provide interrelated position data regarding at least one of the plurality of mobile units.

22. The database system of claim 21 coupled to a fleet management system configured to operate a fleet of the plurality of mobile units.

37

¹
~~3~~²³. The database system of claim ~~21~~¹ coupled to a wireless communication server configured to communicate with the plurality of mobile units.

³
~~4~~²⁴. The database system of claim ~~23~~³ wherein the wireless communication server is configured to use a two-way messaging device for communicating to one of the plurality of mobile units.

*Sub-
201*

25. The database system of claim 21 coupled to a maintenance system configured to provide information regarding an appropriate action.

26

26. The database system of claim 25 wherein the appropriate action includes system maintenance.

27

¹
~~7~~²⁷. The database system of claim ~~21~~¹ coupled to a routing system configured to select an appropriate route for a selected one of the mobile units.

⁷
~~8~~²⁸. The database system of claim ~~27~~⁷ wherein the routing system utilizes routes from a list comprising a fixed route, scheduled route, and optimized route.

⁷
~~9~~²⁹. The database system of claim ~~27~~⁷ wherein the selected route includes street data from the vector information.

¹
~~10~~³⁰. The database system of claim ~~21~~¹ coupled to a dispatch management system configured to manage the computer aided dispatching.

¹
~~11~~³¹. The database system of claim ~~21~~¹ further including order data from customers, the order data having a portion being transferred from a data acquisition device coupled to a radio in one of the plurality of mobile units.

¹
~~12~~³². The database system of claim ~~21~~¹ further including a display operably couple to the computer, the display comprising a first and a second display segments, the

38

mm
10/30/93

first display segment comprising a digitized representation of a raster map retrieved from the raster information and a plurality of user locatable marks, each of the plurality of user locatable marks representing ~~of~~ one of the plurality of mobile units at a mobile unit position, the second display segment comprising vector text data retrieved from the vector information for at least one of said plurality of mobile units.

13 ~~33~~¹². The database system of claim ~~32~~¹² wherein the mobile unit position is for a predetermined time period.

14 ~~34~~¹². The database system of claim ~~32~~¹² wherein each of the user locatable marks is an icon.

15 ~~35~~¹². The database system of claim ~~32~~¹² wherein the first and second display segments are simultaneously displayed.

16 ~~36~~¹. The database system of claim ~~21~~¹ wherein each of the plurality of mobile units comprises a navigation tracking device, the navigational tracking device including a microprocessor operably coupled to a global positioning system (GPS) navigational sensor and a mobile radio modem operably coupled to the microprocessor.

17 ~~37~~¹. The database system of claim ~~21~~¹ wherein the position data includes a first value and a second value, the first value being a latitude position and the second value being a longitude position.

18 ~~38~~¹. The database system of claim ~~21~~¹ wherein the vector information includes a street name.

19 ~~39~~¹. The database system of claim ~~21~~¹ wherein the vector information includes a block number.

39